FIG. 18A

pET22b(+) forward primer:

5'-CGG GAT CCG <u>GGT TTG AAA GGA AAA CGT</u>-3' (SEQ ID NO:11) pET22b(+) reverse primer:

5'-CCC AAG CTT TCA GTG TCT TTT CTT CAT-3' (SEQ ID NO:12)

ggt ttg aaa gga aaa cgt gga gac agt gga tca cct gca acc tgg aca acg aga ggc ttt gtc ttc acc cga cac agt caa acc aca gca att cct tca tgt cca gag ggg aca gtg cca ctc tac agt ggg ttt tct ttt ctt ttt gta caa gga aat caa cga gcc cac gga caa gac ctt gga act ctt ggc agc tgc ctg cag cga ttt acc aca atg cca ttc tta ttc tgc aat gtc aat gat gta tgt aat ttt gca tct cga aat gat tat tca tac tgg ctg tca aca cca gct ctg atg cca atg aac atg get eec att act gge aga gee ett gag eet tat ata age aga tgc act gtt tgt gaa ggt cct gcg atc gcc ata gcc gtt cac age caa ace act gae att cet eca tgt cet cae gge tgg att tet ctc tgg aaa gga ttt tca ttc atc atg ttc aca agt gca ggt tct gag ggc acc ggg caa gca ctg gcc tcc cct ggc tcc tgc ctg gaa gaa ttc cga gcc agc cca ttt cta gaa tgt cat gga aga gga acg tgc aac tac tat tca aat tcc tac agt ttc tgg ctg gct tca tta aac cca gaa aga atg ttc aga aag cct att cca tca act gtg aaa gct ggg gaa tta gaa aaa ata ata agt cgc tgt cag gtg tgc atg (SEQ ID NO:9) aag aaa aga cac tga

pET22b-α3(IV) NC1 = nucleotides 1 through 732 Tumstatin 333 = nucleotides 1 through 372 Tumstatin 334 - nucleotide 373 through 732



FIG. 18B

GLK GKR GDS GSP ATW TTR GFV FTR HSQ TTA IPS CPE GTV PLY SGF SFL FVQ GNQ RAH GQD LGT LGS CLQ RFT TMP FLF CNV NDV CNF ASR NDY SYW LST PAL MPM NMA PIT GRA LEP YIS RCT VCE GPA IAI AVH SQT TDI PPC PHG WIS LWK GFS FIM FTS AGS EGT GQA LAS PGS CLE EFR ASP FLE CHG RGT CNY YSN SYS FWL ASL NPE RMF RKP IPS TVK AGE LEK IIS RCQ VCM KKR H (SEQ ID NO:10)

pET22b α3(IV) NC1 = residues 1 through 244 Tumstatin 333 = residues 1 through 124 Tumstatin 334 = residues 125 through 244



FIG. 42

•	r1	GP-A
GLKGK RGD S	SPATWTTRGFVFTRHS	SQT TAIPSCPEGTVPLY S
		т3
•	T2	Т4
GFSFLFVQG	NQRAHGQDLGTLGSCL(QRFTTMPFLFCNVNDVCN
Т3	Т5	·
Т4		Т6
FASRNDYSY	WLSTPALMPMNMAPITO	GRALEPYISRCTVCEGPA
<u>T6</u>	GP-B	
IAIAVHSQT'	rdippcphgwislw KGI	FSFIMFTSAGSEGTGQAL
ASPGSCLEE	FRASPFLECHGRGTCN:	YYSNSYSFWLASLNPERM
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